

Appl. No.: Unknown

Atty Docket: ISTOR.007A

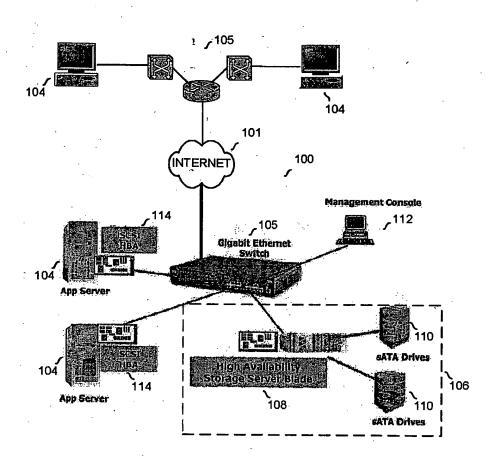


FIGURE 1



REMOTE DIRECT MEMORY ACCESS FOR ISCSI

Jean Kodama, et al.

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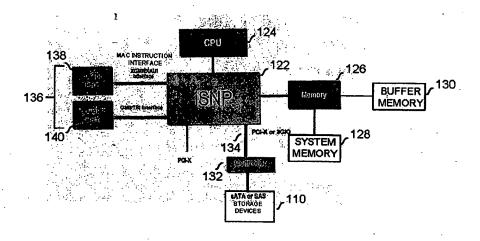


FIGURE 2

**BEST AVAILABLE COPY** 



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r<sup>120</sup>

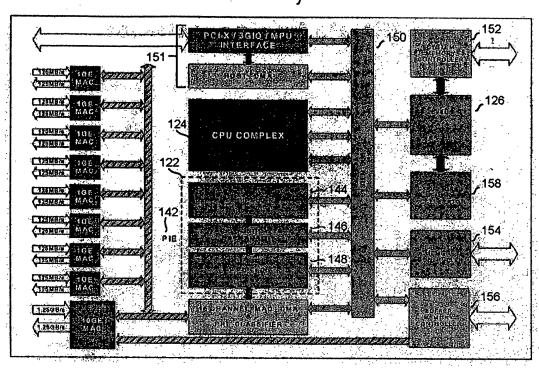


FIGURE 3

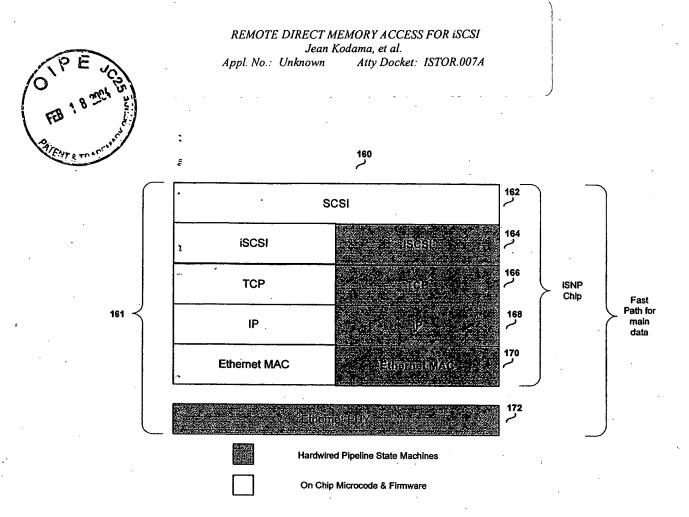
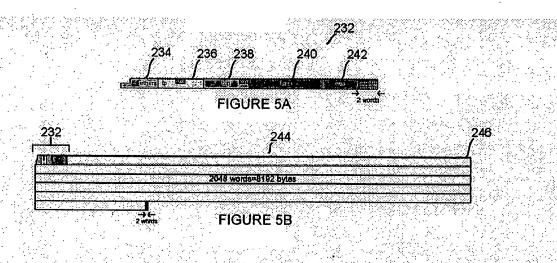


FIGURE 4



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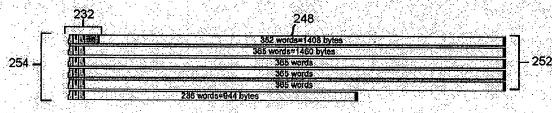
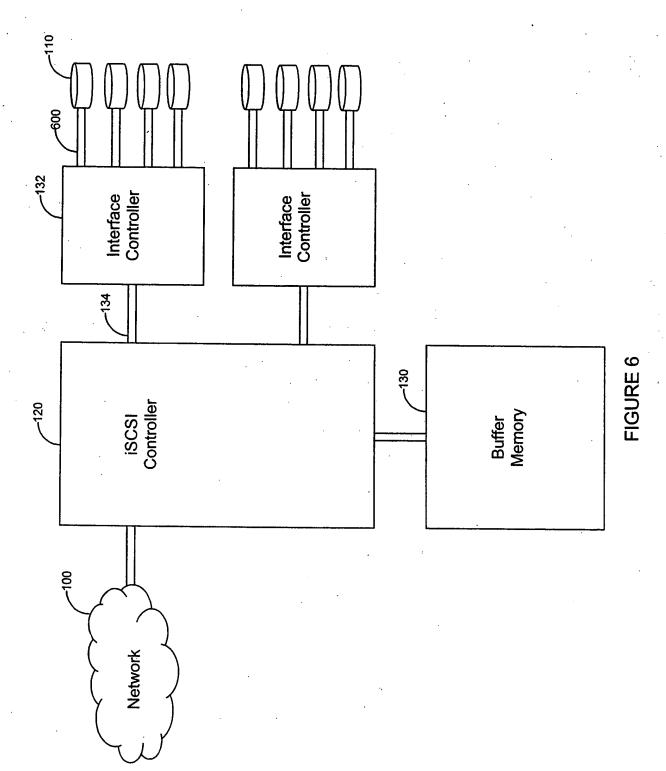


FIGURE 5C



REMOTE DIRECT MEMORY ACCESS FOR iSCSI Jean Kodama, et al. Ippl. No.: Unknown Atty Docket: ISTOR.007A

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Initiator Function	PDU Type	Target Function	
Command request (read)	SCSI Command (READ) →		620
		Prepare Data Transfer	622
Receive Data	← SCSI Data-in	Send Data	624
Receive Data	← SCSI Data-in	Send Data	626
Receive Data	← SCSI Data-in	Send Data	628
	← SCSI Response	Send Status and Sense	630
Command Complete			

FIGURE 7

# REMOTE DIRECT MEMORY ACCESS FOR iSCSI Jean Kodama, et al. Appl. No.: Unknown Atty Docket: ISTOR.007A

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initiator Function	PDU Type	Target Function	
Command request (write)	SCSI Command (WRITE) →	Receive command and queue it	640
		Process old commands	642
	← R2T	Ready for data	644
Send Data	SCSI Data-out, →	Receive Data	646
	← R2T	Ready for data	648
	← R2T	Ready for data	650
Send Data	SCSI Data-out →	Receive Data	652
Send Data	SCSI Data-out →	Receive Data	654
	← SCSI Response	Send Status and Sense	656
Command Complete			

FIGURE 8

**FIGURE 9A** 

# REMOTE DIRECT MEMORY ACCESS FOR iSCSI Jean Kodama, et al. Appl. No.: Unknown Atty Docket: ISTOR.007A



R2T PDUs sent to initiator:

Targe	get Transfer Tag	offset	length
ô 	k0010_0123	0000 000000	0x0000_4000
6	x0011_0123	0x0000_4000	00000 8000 000 000 000 000 000 000 000
0	x0012_0123	0000_00000	0x0000_4000



## REMOTE DIRECT MEMORY ACCESS FOR iSCSI Jean Kodama, et al. [ppl. No.: Unknown Atty Docket: ISTOR.007A

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data pointer table

	•				
data length		0x0000_4000	0x0000_8000	0x0000_4000	
data offset		0000_0000x0	0x0000_4000	0000_00000	
data pointer		0x0005_4000	0008_8000x0	0000_8000x0	
index		10	7	12	,

FIGURE 9C

# REMOTE DIRECT MEMORY ACCESS FOR iSCSI Jean Kodama, et al. Appl. No.: Unknown Atty Docket: ISTOR.007A

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# data out PDUs received from initiator:

, and a second of the second o	Dello	infile
0x0010_0123	0x0000 0000	0x0000_2000
0x0010_0123	0x0000_2000	0x0000_2000
0×0011_0123	0x0000_4000	0x0000_2000
0x0011_0123	0x0000_6000	0x0000_2000
0x0011_0123	0x0000_8000	0x0000_2000
0x0011_0123	0x0000_a000	0x0000_2000
0x0012_0123	0x0000_c000	0x0000_2000
)x0012_0123	0x0000_e000	0x0000_2000
	0x0010_0123 0x0011_0123 0x0011_0123 0x0011_0123 0x0012_0123	